Review Form 3

Journal Name:	**Journal of Advances in Biology & Biotechnology**
Manuscript Number:	**Ms_JABB_122978**
Title of the Manuscript:	**Residual effect of fertigation of water soluble fertilizers on growth and yield of cowpea and total nutrients uptake by cowpea under aerobic rice-cowpea cropping sequence**
Type of the Article	**Research**

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PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	1. Higher nodulation resulted in higher nitrogen fixation and eventually the number of pods plant^{-1}. This positive response recorded on both seed yield and haulm yield of succeeding crop cowpea could be due to mineralization of nutrients during decomposition of FYM and also acids were released during decomposition might have released the native nutrients from the soil pool and some extent the amount of available nutrients were left in the soil where added through different treatments for the previous aerobic rice crop, from all these pools more nutrients were available for plant uptake. 2.The organic manures were found to reduce nutrient losses and conserve soil nutrients to form organo-mineral complex, maintained supply of nutrients to rice plant. 3.WSF where nutrients are 100% soluble in water resulted in higher availability of nutrients which may resulted in higher uptake of secondary nutrients during crop growth period might have attributed for higher biomass production than conventional fertilizers	
Is the title of the article suitable? **(If not please suggest an alternative title)**	The title is too long. If possible, it should be reduced a little (Residual effect of fertigation of water soluble fertilizers on growth and yield of cowpea and total nutrients uptake by cowpea)	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract needs to be reframed. It lacks specific details on statistical significance levels (p-values) and confidence intervals. Providing these would strengthen the robustness of the findings and allow readers to assess the reliability of the results.	
Are subsections and structure of the manuscript appropriate?	No. A conclusion should be drawn at the end of the work.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The methodological approach is good. The interpretation of results as well as the discussion are well done	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	The reference are not sufficient. Add a few more recent references to upgrade the study	

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Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	Yes	
Optional/General comments	In summary, while the article provides valuable insights into the residual effect of fertigation of water soluble fertilizers on growth and yield of cowpea and total nutrients uptake by cowpea under aerobic rice-cowpea cropping sequence in Bengaluru, Karnataka state, India, there are opportunities for improvement in terms of clarity, statistical rigor in abstract, contextualization within existing literature, and practical implications for agricultural stakeholders. Addressing these areas would enhance the article's overall impact and contribute to advancing knowledge in agricultural science and crop management strategies	

PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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